



**SET THE TABLE WITH
LANDERS, FRARY & CLARK'S
TABLE CUTLERY**

**The Reliable Kind
The Kind that Wears
The Satisfactory Kind**

AIR TIGHT HEATERS

Fire is Never Out. Air Tight Always

If you want to burn wood or lighter fuel, you will appreciate the advantages to be found in Cole's Original Air-Tight Wood Stove.

Wood, chips and even waste paper and rubbish make excellent fuel, and are burned with the greatest economy in our stove.

By reason of the absolutely air-tight construction of the stove, which gives a perfect control over the air supply through the one draft, all the gasses set free from the burning fuel are retained in the stove until burned. The saving of this gas nearly doubles the heat, and at the same time makes our stove the only clean and hygienic wood heater on the market.

The combustion of wood and lighter fuel is so perfect in this stove, and it requires so little fuel to do the work that it takes four weeks of constant use to form an average-sized hodful of ashes. If you have been using a leaky stove which forms ashes like a bonfire, you will appreciate the cleanliness and convenience of a stove from which ashes are removed only five or six times during the winter, and should arrange at once for the purchase of a Cole's Air-Tight Heater.

EVERY STOVE GUARANTEED TO REMAIN ABSOLUTELY AIR-TIGHT AS LONG AS USED.

R. M. WADE & CO

Cor. Commercial & Court Sts., Salem, Or.

THE UNIVERSAL CAKE MAKER

is indispensable to all up-to-date house-keepers and cake making is no longer a thing to be dreaded.

Mixes the batter for all kinds of cake easily and quickly.



Electric Lamps as Sources of Fire.

In a recent meeting of the Manchester Geological and Mining Society, Inspector of Mines Hall called attention to Mr. Holliday's paper read before the North of England Institute of Mining and Mechanical Engineers, with reference to the ignition of coal dust by electric lamps. Mr. Holliday had a fire in his colliery, with which he had connected the electric lights had some connection. This led him to make experiments which confirmed his suspicion. Mr. Hall said: "It has usually been held that electric lamps give very little heat, and that they may be placed almost anywhere with safety. My impression Mr. Holliday has proved to be quite erroneous. He shows that there is considerable danger from fire, not only from the exposure for an instant of an open light when the lamp is lit, but also from the heat of the lamp itself. I have repeated Mr. Holliday's experiments, and the results bear out exactly what he has stated. I found that when a sixteen-candle lamp rested on coal dust, either uncovered or partially covered, heat was generated very rapidly. In one case, with a slight covering of dust, the temperature rose in ten minutes to 370 degrees Fahrenheit, and in four minutes the lamp exploded at a temperature of 450 degrees. The highest temperature registered was 650 degrees. In two out of three experiments, the coal dust was found to be red hot on poking into the dust, although the lamp (the apparent source of heat) had been removed some time. The interesting part of these experiments seems to be that when the heat has been raised to a certain temperature, spontaneous combustion begins to operate, and the temperature goes on increasing till fire is reached (although the lamp has been removed). These phenomena show that unless care is used in the placing of electric lights underground there will be danger of underground fires, and some danger of fire damp being ignited by the explosion of a lamp. The experiments will be carried further, with the view of finding what is the temperature at which coal dust will begin to develop spontaneous combustion."

SOME AID FROM THE OUTSIDE

San Francisco Papers Come to the Aid of the Struggling Portland Press

The San Francisco Chronicle takes a hand at railroad building in Oregon, giving the Portland papers a much-needed lift. It says:

"Southern Oregon is becoming much excited over the activity of a crew of Western Pacific surveyors in that section of the state. From the engineering operations that are now in progress east of Eugene by a force that is said to be working in the interest of the new transcontinental line the belief is growing that the Gould interests are planning to reach Portland and penetrate the rich Willamette valley on the way.

It is learned that the engineering force went from this city to Eugene on the line of the Southern Pacific in Southern Oregon nearly a month ago, and has since been running lines toward Diamond Peak pass, following the southwest fork of the Willamette river. The proposed route of the Oregon survey is by way of Diamond Peak pass to Crescent Lake, from which point the Klamath and Lake county regions are easily accessible. Although not officially admitted, the Nevada-California-Oregon narrow gauge road, which extends northwest from Reno, Nev., to Madeline, Cal., and is projected northward to Lakeview, Or., is understood to have been acquired by the Gould interests, and it is believed that the surveying operations now in progress in Oregon are intended to solve the question of an outlet to Portland for the narrow gauge line, which, in that event, would be converted into a standard gauge line.

Local officials of the Western Pacific have nothing to say about the surveying activities in Oregon.

Lucas County, State of Ohio, City of Toledo, ss.

Frank J. Cheney makes oath that he is senior partner of the firm of F. J. Cheney & Co., doing business in the city of Toledo, county and state aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of catarrh that cannot be cured by the use of Hall's Catarrh Cure. FRANK J. CHENEY.

Sworn to before me and subscribed in my presence this 8th day of December, A. D. 1899.

(Seal) A. W. GLEASON, Notary Public.

Hall's Catarrh Cure is taken internally, and acts directly on the blood and mucous surfaces of the system. Send for testimonials free.

F. J. CHENEY, Toledo, O.

Sold by all druggists, 75c.

Take Hall's Family Pills for constipation.

Starch Gloss.

To glaze linen without the aid of a polishing iron, use the following starch gloss, made with 1/4 pound of white starch, 1 ounce of borax, 3 ounces of soap, 1 tablespoonful of glycerine, one of turpentine and 1 tablespoonful of common salt. Dissolve the borax and soap in hot water, then mix all together in about 3 pints of warm water. This preparation will keep for months.

An Indian Rockefeller.

It is believed that Sayaji Rao, the Aajah of Baroda, is the possessor of wealth equal if not superior to that of J. D. Rockefeller. He was educated in Europe in an English university, and his people are well governed. Much of his vast riches is in the form of precious stones. His wife owns the most famous diamond necklace in the world. It is worth \$12,000,000, and is made up of 200 stones, each the size of a hazel nut. She also has a collar of 500 perfect diamonds, none less than 20 carats. In the treasure chamber is a carpet four square yards in surface, made up entirely of ropes of diamonds, pearls and rubies. It required \$4,000,000 worth of gems and three years of labor. The long corridors of the palace are lined with marble and onyx of incalculable value. The palace is steam-heated, and electric elevators are placed at frequent intervals. Bronze paintings, statuary, all imported, and worth many millions of dollars, are scattered throughout the royal dwelling.

Cheated Death.

Kidney trouble often ends fatally, but by choosing the right medicine, E. H. Wolfe of Bear Grove, Iowa, cheated death. He says: "Two years ago I had kidney trouble, which caused me great pain and suffering and anxiety, but I took Electric Bitters, which effected a complete cure. I have also found them of great benefit in general debility and nerve trouble, and keep them constantly on hand, since, as I find they have no equal." J. C. Parry, druggist, guarantees them at 50c.

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Bears the Signature of *Chas. H. Fletcher*
The Kind You Have Always Bought

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Ways of Wood Folk	75c
Wilderness Wars	75c
Secrets of the Woods	75c
Wood Folk at School	75c
Beasts of the Field	\$1.75
Fowls of the Air	\$1.75
School of the Woods	Net \$1.50
Following the Deer	Net \$1.25
A Little Brother to the Bear	Net \$1.50
Northern Trails	Net \$1.50

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SALEM SAW MILLS

Now is the time to buy your Winter Slab Wood

Single load	\$ 1.75
10 loads	 16.50
Flooring, No. 1	 26.00
Flooring, No. 2	 22.50
Flooring, No. 3	 15.00

The Chas. K. Spaulding Logging Co.

Men Are Well Dressed

If They Have Their Clothes Made By

JOHN SHOLUND,

The Opera House **MERCHANT TAILOR**

Cleaning, Pressing and Repairing.

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A RECORD BREAKER

THE LAST TWO WEEKS WERE RECORD BREAKERS FOR SALES AT OUR STORE, WHEN WE HAD THE LARGEST TRADE SINCE EMBARKING IN THE SHOE BUSINESS IN SALEM. WE DOUBLED OUR SALES FOR THE CORRESPONDING PERIOD LAST YEAR.

WE TAKE A JUST PRIDE IN THIS RECORD, FOR IT EMPHASIZES THE FACT THAT THE SHOE-BUYING PUBLIC RECOGNIZES THE FACT THAT THEY CAN GET JUST WHAT THEY WANT AT OUR STORE, AND ARE SATISFIED WITH OUR GOODS AND PRICES. IT SHOWS THAT WE ALWAYS DO JUST AS WE ADVERTISE—GIVE OUR CUSTOMERS THE BEST GOODS AT SATISFACTORY PRICES, HENCE THEY HAVE CONFIDENCE IN US AND OUR GOODS, AND OUR MOTTO, "ONCE A CUSTOMER, ALWAYS A CUSTOMER, GOOD GOODS AND HONEST TREATMENT."

Our Stock of Footwear has never been so complete as it is this season in Womens's and Men's High Grade Shoes.

Watch Us Grow

"The Shoe Store of Styles and Values"

E. L. IRVIN & CO

THE PRACTICAL SHOE MEN.

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